

Fig. 1A

SEQ ID NO. 3

ATGAGCAGC AGCTGCTCAG GGCTGAGCAG GGTCCCTGGTG GCCGTGGCTA CAGCCCTGGT
GTCTGCCTCC TCCCCCTGCC CCCAGGCCTG GGGCCCCCA GGGGTCCAGT ATGGGCAGCC
AGGGAGGTCC GTGAAGCTGT GTTGTCTGAG AGTGACTGCC GGGGACCCAG TGTCTGTT
TCGGGATGGG GAGCCAAAGC TGCTCCAGGG ACCTGACTCT GGGCTAGGGC ATGAACTGGT
CCTGGCCAG GCAGACAGCA CTGATGAGGG CACCTACATC TGCCAGACCC TGGATGGTGC
ACTTGGGGGC ACAGTGACCC TGCAGCTGGG CTACCCTCCA GCCCGCCCTG TTGTCTCCTG
CCAAGCAGCC GACTATGAGA ACTTCTCTTG CACTTGAGT CCCAGCCAGA TCAGCGGTTT
ACCCACCCGC TACCTCACCT CCTACAGGAA GAAGACAGTC CTAGGAGCTG ATAGCCAGAG
GAGGAGTCCA TCCACAGGGC CCTGGCCATG CCCACAGGAT CCCCTAGGGG CTGCCCCGCTG
TGTTGTCCAC GGGGCTGAGT TCTGGAGCCA GTACCGGATT AATGTGACTG AGGTGAACCC
ACTGGGTGCC AGCACACGCC TGCTGGATGT GAGCTTGACG AGCATCTTGC GCCCTGACCC
ACCCAGGGC CTGCGGGTAG AGTCAGTACC AGGTTACCCG CGACGCCTGC GAGCCAGCTG
GACATACCCT GCCTCCTGGC CGTGCCAGCC CCACTTCCTG CTCAAGTTCC GTTTGCAGTA
CCGTCCGGCG CAGCATCCAG CCTGGTCCAC GGTGGAGCCA GCTGGACTGG AGGAGGTGAT
CACAGATGCT GTGGCTGGGC TGCCCCATGC TGTACGAGTC AGTGCCCGGG ACTTTCTAGA
TGCTGGCACC TGGAGCACCT GGAGCCCGGA GGCCTGGGGA ACTCCGAGCA CTGGGACCAT
ACCAAAGGAG ATACCAGCAT GGGGCCAGCT ACACACGCAG CCAGAGGTGG AGCCTCAGGT
GGACAGCCCT GCTCCTCCAA GGCCCTCCCT CCAACCACAC CCTCGGCTAC TTGATCACAG
GGACTCTGTG GAGCAGCTGG TGCCACGCGG TTCTCATCAC CATCATCACC ACTGA

Fig. 1B

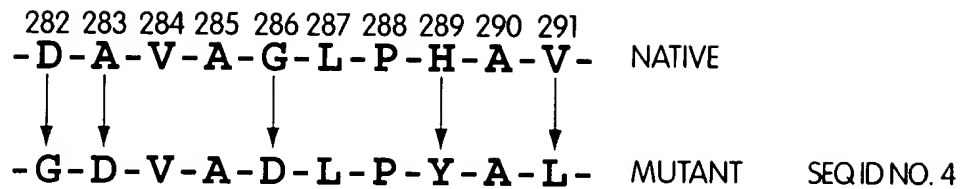


Fig. 2

MSSSCSGLSRVLVAVATALVSASSPCPQAWGPPGVQYGQPGRSVKLCCP
 GVTAGDPVSWFRDGEPKLLQGPD SGLGHELVLAQADSTDEGTYICQTL
 DGALGGTVTLQLGYPPARPVVSCQAADYENFSCTWSPSQISGLPTRYLT
 SYRKKTVLGADSQRRSPSTGPWPCPDPLGAARCVVHGAEFWSQYRIN
 VTEVNPLGASTRLLDVSLQSI LRDPDPQGLRVESVPGYPRRLRASWTYP
 ASWPCQPHFLLKFRLQYRPAQH PAWSTVEPAGLEEVITDAVAGLPHAV
 RVSARDFLDAGTWSTWSPEAWGTPSTGTIPKEIPAWGQLHTQPEVEPQV
 DSPAPPRPSLQPHPRLLDHRDSVEQVAVLASLGILSFLGLVAGALALGL
 WLRRRGKGKDGSPKPGFLASVIPVDRRPGAPNL

*BOLDED AMINO ACIDS: HUMAN INTERLEUKIN 11 RECEPTOR PROTEIN
 SEQUENCE THAT INTERACTS WITH INTERLEUKIN 11

Fig. 3

	PEPTIDE	PEPTIDE SEQUENCE	ANTAGONISTIC ACTIVITY
SEQ ID NO. 1	1	RRLRASW TYPASWPCQPHFL	YES
SEQ ID NO. 2	2	TYPASWPCQPHFLLKFRLQY	NO

Fig. 4

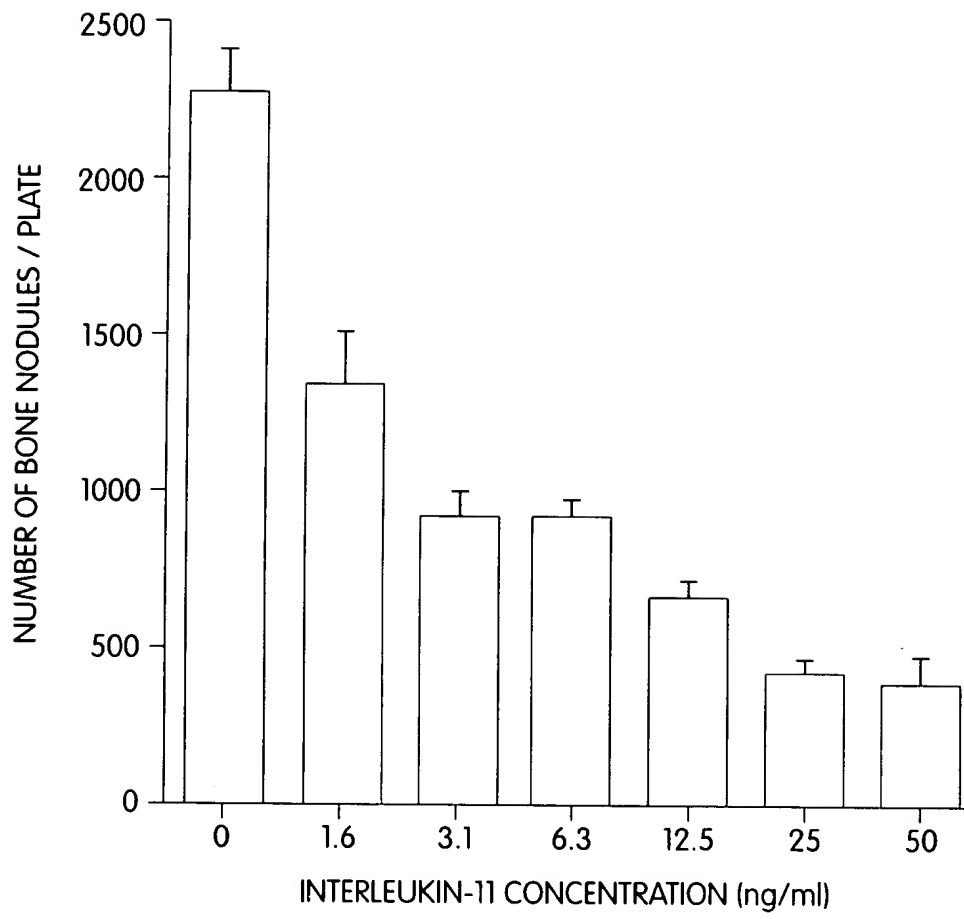


Fig. 5

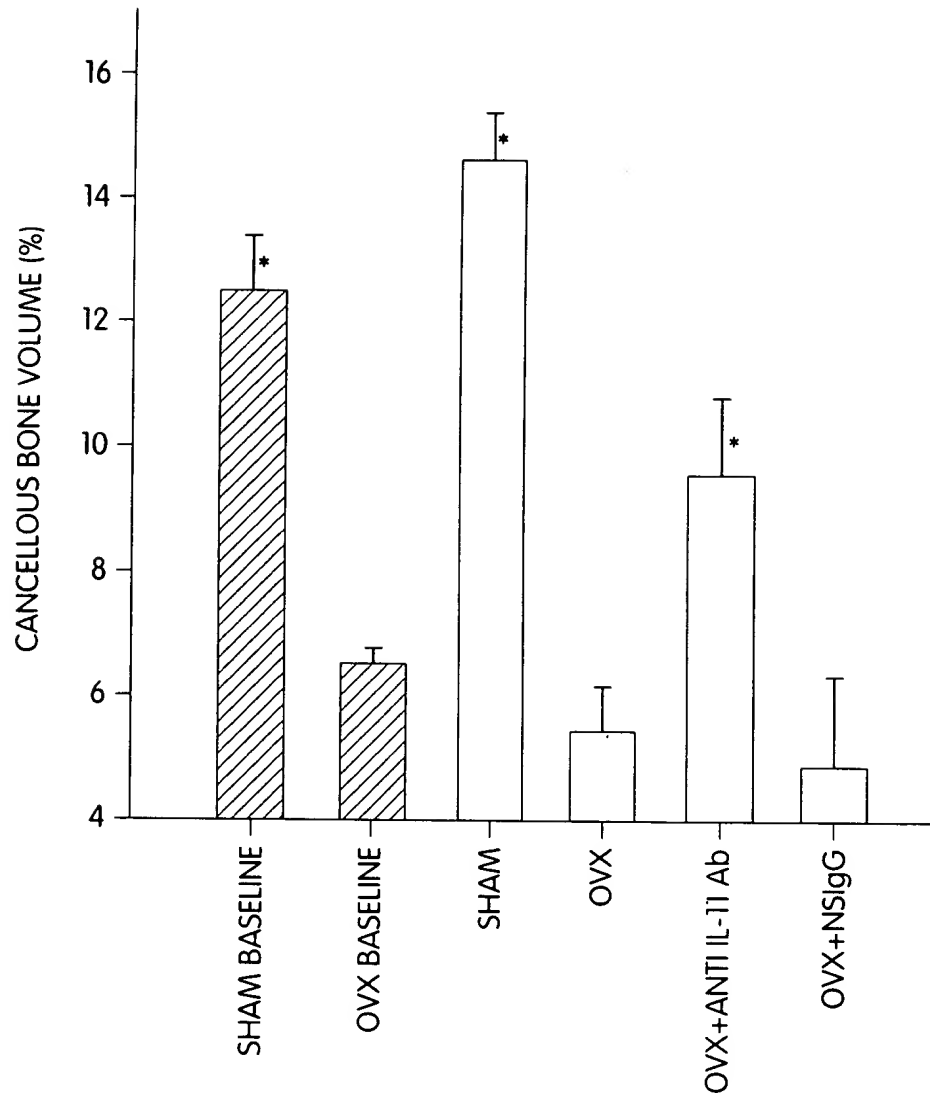


Fig. 6A

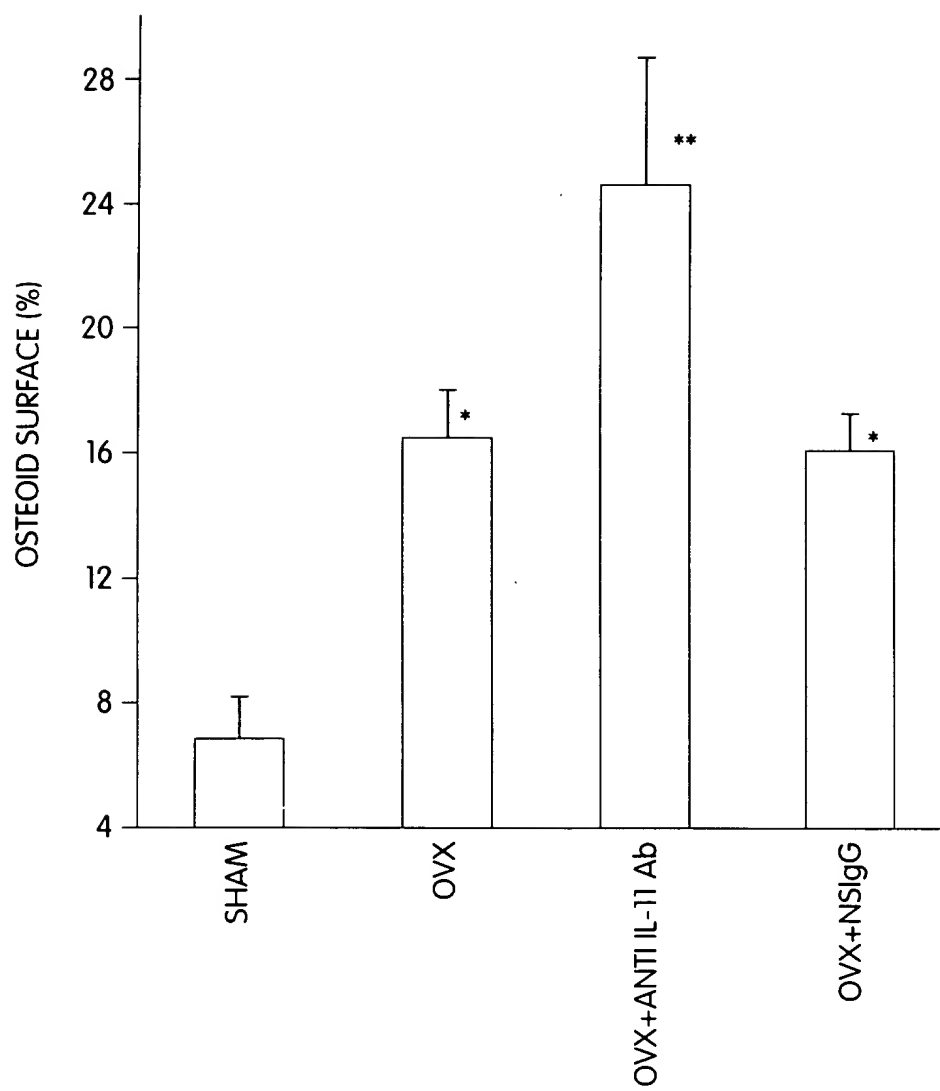


Fig. 6B

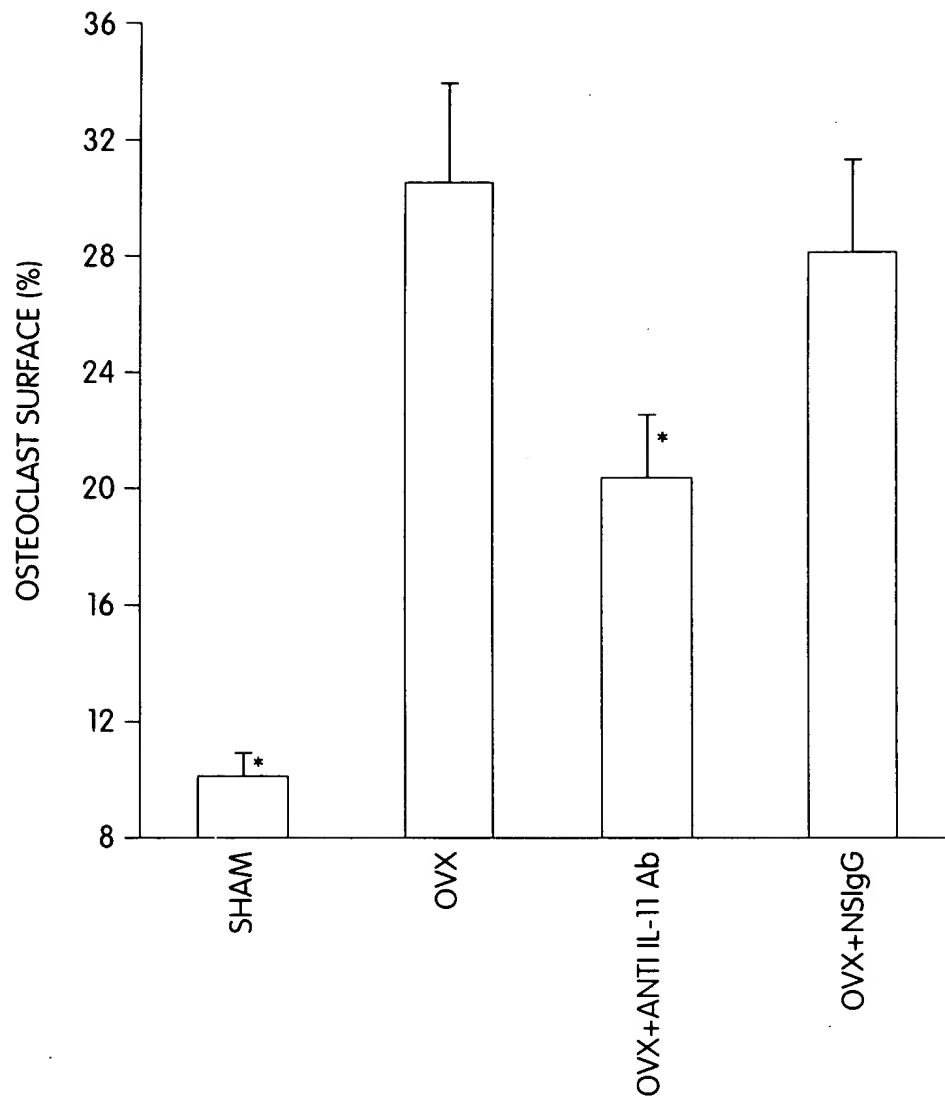


Fig. 6C

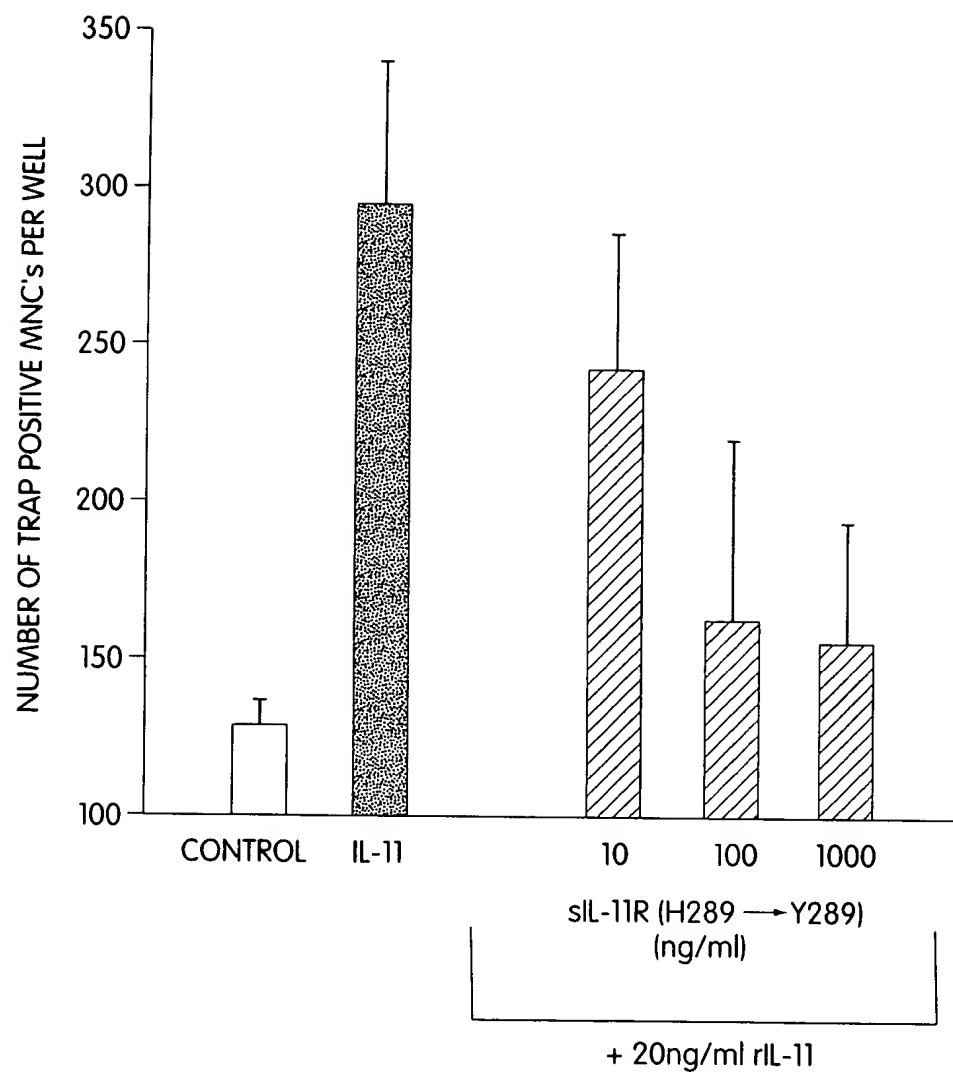


Fig. 7A

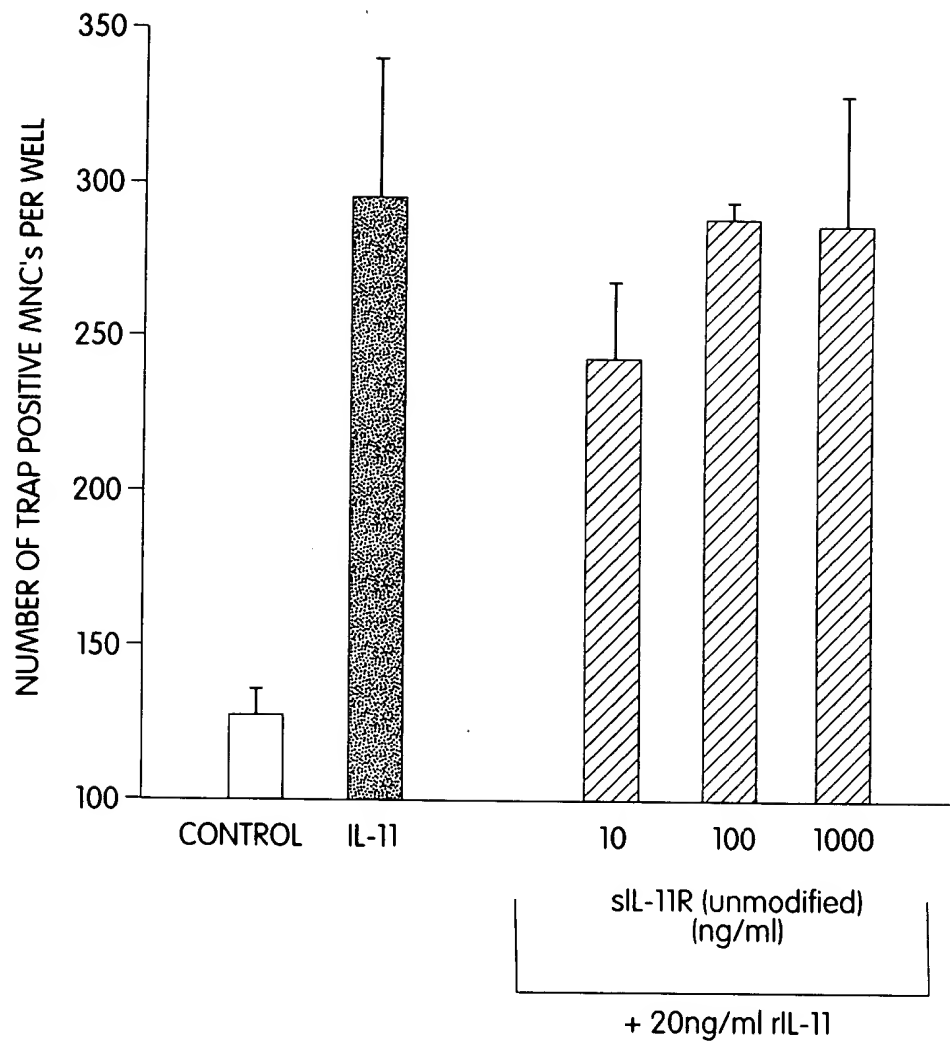


Fig. 7B

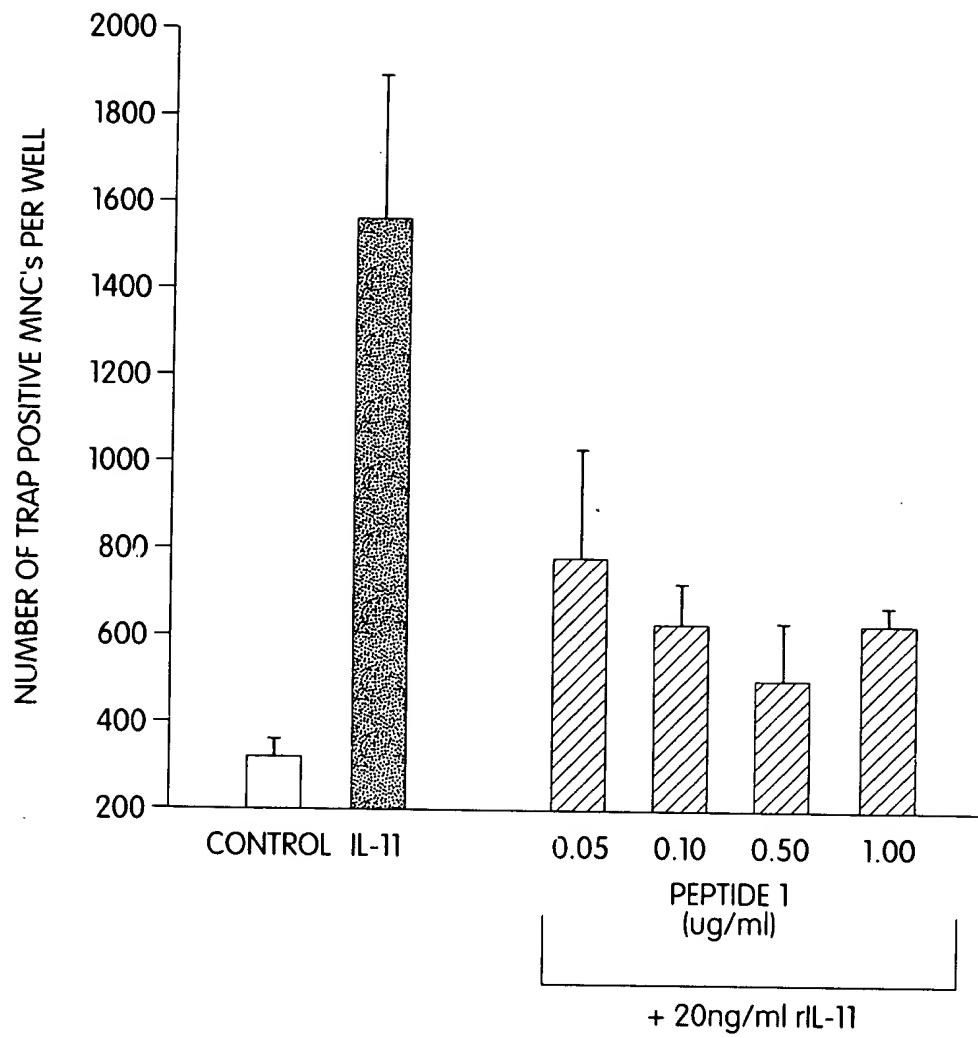


Fig. 8

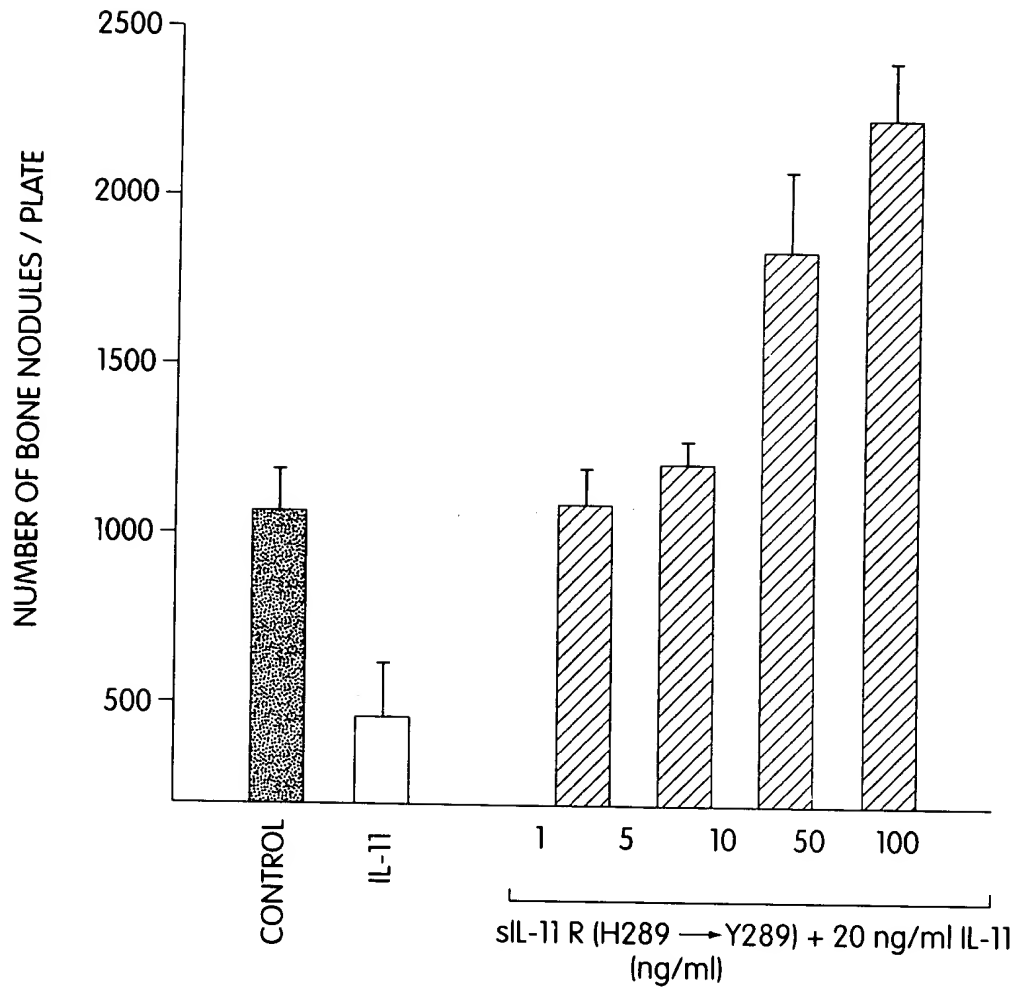


Fig. 9

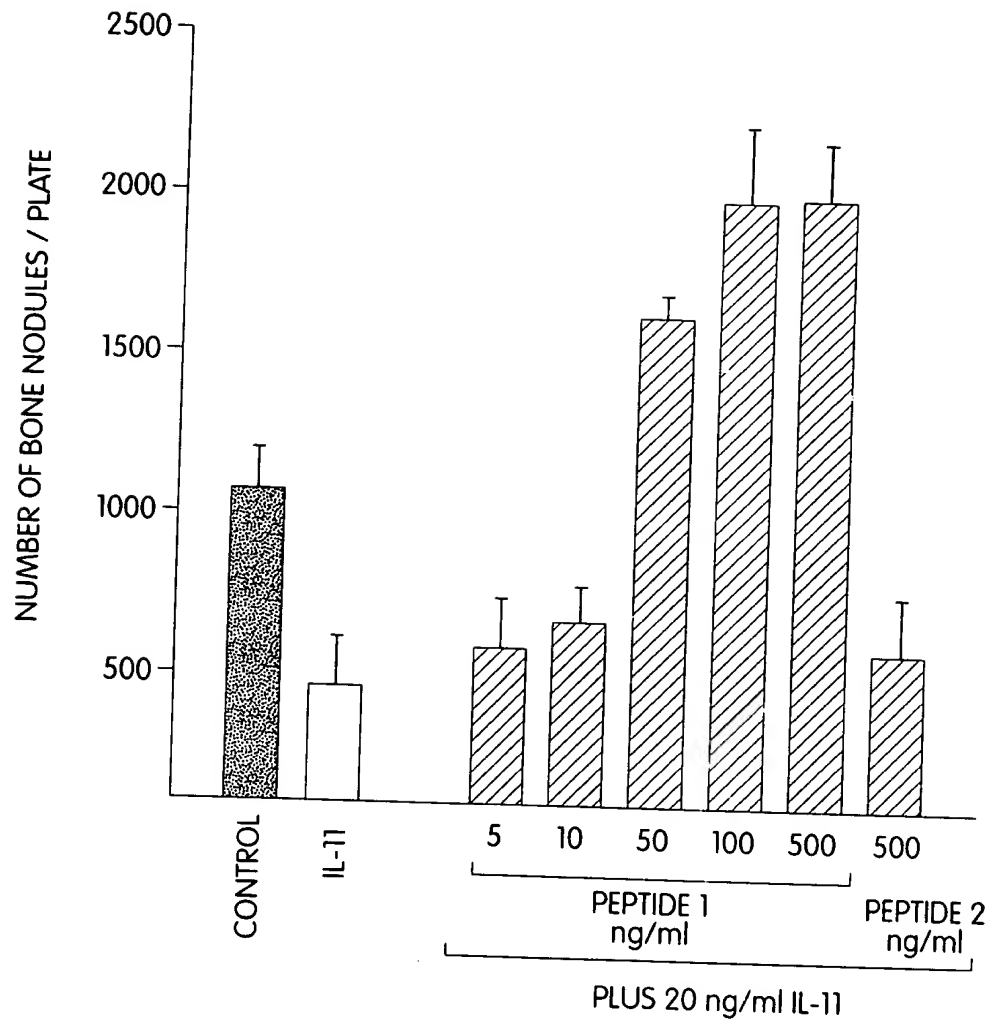


Fig. 10